

DON MATLOCK, LEFT, SON OF A Y-12ER IN RESEARCH Services, won the State Road-e-o driving contest for 'teen-agers recently in Nashville. In the center is Jim Ellis, Kingsport, second; and Orvil R. Miller, Jr., Knoxville, third, is at right.

## Safety-Minded Son Of Safety-Minded Y-12 Dad Wins Top Honors In 'Road-e-o' Contest

Proper, courteous and legal driving habits taught by a safety-minded Y-12er to his safety-minded son brought a distinct honor to Don Matlock, 18, son of Don Matlock, of the Y-12 Research Services Department. The younger Matlock took first place in the recent Tennessee "Road-e-o" contest staged in Nashville to promote safe-driving habits for 'teen-agers. The contest was sponsored by the State Junior Chamber of Commerce for winners in similar events held in 15 cities throughout the state.

### To Enter National Contest

As a reward for his triumph in the state contest, young Matlock will go to Washington, D. C., to represent Tennessee in a national contest to be held the latter part of August. A first prize of a \$1,000 scholarship will go to the national winner and other awards will be given. Expenses of the state winners to the national event are paid by the Jaycees.

Second place in the state contest was taken by Jim Ellis, of Kingsport, Tenn., and third place went to Orvil R. Miller, Jr., of Knoxville. The test consisted of road driving in traffic and a written examination on traffic rules and laws. Young Matlock scored 649½ out of a possible 700 points in the event.

### Plans To Enter U-T

Young Matlock is a graduate of the Oak Ridge High School and plans to enter the University of Tennessee.

Each of the three winners at Nashville received plaques from the National Junior Chamber of Commerce and Liberty Mutual Insurance Co., co-sponsors of the "Road-e-o" event.

## 11 European Nations Join Atom Research Program

In a story from Paris the New York Times reports that 11 European nations, each unable to support alone the staggering costs of full scale atomic research, met in the French capital city to plan a joint venture that will provide them with one of the most powerful "cosmotrons" in existence for their common use. Pierre Auger, director of the Department of Science for UNESCO, is quoted as saying that one of the installations contemplated is a 10-billion electron-volt cosmotron.

### MONUMENT AGE SET

According to the New York Times, Prof. W. F. Libby, of the University of Chicago, has determined the age of Stonehenge, Britain's finest megalithic monument, by assessing the rate of decay of radioactive carbon content of charcoal on a small piece of burnt wood taken from the site on Salisbury Plain.

## Heat Exhaustion Summer Hazard; Caution Is Urged

**Adequate Ventilation, Use Of Salt Tablets Can Lessen Danger**

The record-breaking and strength-sapping heat of June and July naturally brought a lot of discomfort and complaints around Y-12 and a warning from both the Safety and Medical Departments as to the dangers of heat exhaustion and sunstroke. Every effort has been made around the plant to avert the possibility of such attacks, and through last week only one Y-12er has been disabled because of the torrid and humid weather.

### Welder Is Stricken

This incident, which was classified as a lost-time accident by the Safety Department, was reported by that department as follows:

"On July 25, a welder in Department 2003 (Maintenance Shop) was assembling a stainless steel tank in Bldg. 9709. The tank had one open end and one opening inside. In order to assemble the tank he had to crawl inside the tank to do the welding in close quarters. The employee suffered heat exhaustion because of high temperature produced in welding operation and poor ventilation. He will be absent from work for a few days."

All Y-12ers working in such close quarters and with heat producing equipment are urged to determine if ventilation is adequate before starting any job. If possible, the temperature in the vicinity of a work location should not be higher than the temperature outside. Among the ways that such conditions can be obtained is through proper placing of one or more elec-

Continued on Page 4



THIS IS HOT WORK ANY-time as welder E. P. Webster, Maintenance Shops, works at job with safety equipment.



THE PERSPIRATION BE-gins pouring and Webster feels traces of weakness so he takes a minute out for air.



Photos By Vince Moore  
AS A PRECAUTIONARY measure against heat exhaustion Webster goes to a nearby water fountain and takes a salt tablet.

## Three Physics Lectures Mark Seminar Meetings This Week

A series of three lectures on physics will mark the program of the Oak Ridge Physics Seminar this week with meetings scheduled for Wednesday, Thursday and Friday. The meetings each day will be held at 3:15 p. m. in the auditorium of the new research building at Oak Ridge National Laboratory.

The three lectures will be delivered by Prof. Maria Goeppert-Mayer, of the University of Chicago. His topic for the series will be "Nuclear Shell Theory." The Physics Seminar meetings will be combined with the Chemical Seminar meetings of ORNL for this week and all Y-12ers interested in the subject are invited to attend.

## Time Off To Vote Will Be Permitted Eligible Y-12ers

**Up To Two Hours With Pay Allowed; Knoxville And Ridge Excepted**

Y-12ers who are qualified to vote in the county elections and primaries set for tomorrow, Thursday, August 7, and who live in outlying counties away from Oak Ridge and Knoxville where polls close early, may be excused from work with pay up to a maximum of two hours straight time to cast their ballots, it has been announced in a plant bulletin to all

### CARBIDE WILL SPONSOR ELECTION RETURNS ON AIR

Complete returns from the Thursday, August 7, state primary elections and the Anderson County elections will be broadcast over Oak Ridge Radio Station WATO tomorrow night in a program sponsored by Carbide and Carbon Chemicals Company.

employees. This is to allow such employees who are not able to vote during regular scheduled off time to visit the polls and vote for their favorite candidates.

### Oak Ridge, Knoxville Not Covered

The ruling, of course, applies primarily to those Y-12ers who are not residents of Oak Ridge or Knoxville. The polls in these two cities and some other cities and towns in the area will be open from 9 a. m. to 7 p. m., thereby allowing sufficient time for employees to vote during their regular off time.

Supervision will schedule such absences for voting so that there will be no interruption of necessary activities in the plant.

The elections and primaries this year are of extreme interest to all residents of Tennessee. In the Democratic primaries party nominees for governor, United States senator and house of representatives are among those to be chosen by the electorate. Several important county positions also are to be filled by the voters in tomorrow's battle of ballots. The important matter of calling a constitutional convention also will be voted on in the state.

### Heavy Voting Forecast

Because of this interest, large turnouts of voters are expected throughout this section of the state and all qualified voters have been besieged by candidates and publicity to visit the polls and cast their ballots for the candidates of their choice.

### SAFETY SCOREBOARD

Your Plant Has Operated

Nine Days

Without A Lost Time Accident

Through August 3

## Nine Years On Job Without Absence Mark Set By Hamrick; Ivy Near Record

Nine years on the job without a single day's absence or being one minute late to work is an enviable record.

Yet that is the mark achieved last Saturday, August 2, by Paschal "Pat" Hamrick, of the Y-12 Employment Office of the Personnel Department. He came to work in Y-12 on that day back in 1943. Still another Y-12er, Briscoe Ivy, of the same office, is nearing the record set by Hamrick, as he will mark his ninth anniversary of employment on August 26 and has continued his attendance record unbroken.

A number of other Y-12ers are known to have excellent work attendance records, many of them exceptional, but it is believed that the marks of Hamrick and Ivy are tops not only in the Y-12 plant but in the entire Carbide organization. In any event, all of these Y-12ers with their conscientious attendance, many times maintained despite serious handicaps and obstacles such as bad weather, vehicular breakdowns and other causes, deserve the commendation and congratulations of everyone in the plant.



"PAT" HAMRICK, SEATED, hasn't missed a day at work or been late during his nine years of employment in Y-12, as of August 2. He figures out that in that time he has put in 3,285 days or 26,280 working hours. Briscoe Ivy, in rear, will equal Hamrick's nine-year record of no absences on August 26.



# The Bulletin

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Y-12 Employees Of  
CARBIDE AND CARBON  
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GEORGE W. DOBBS . . . Editor

## OFFICE

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## Thomas K. Bishop, Sr., Retired By Company

Having reached the age of retirement as a Carbide employee last month, Thomas K. Bishop, Sr., of the Maintenance Shops Department, was retired as a Y-12er last Friday, August 1. He was an experimental machinist and came to work in Y-12 on July 31, 1945, and has made many friends among fellow employees since that time.

Bishop is a native East Tennessean, having been born near Knoxville on July 7, 1887. He has lived in this section of the state practically his entire life and owns his home at Powell, where he lives with his wife.

Bishop says he has several irons in the fire for future activities and it is the general belief of his fellow employees that he will continue to pursue his hobby of flower raising—a hobby that has resulted in many Y-12ers receiving bouquets from him.

Bishop is a veteran of World War I, having served in the Army from July, 1917, to August 2, 1919. During that time he was overseas from August, 1918, to March, 1919, and he was discharged with the rank of sergeant in the Tank Corps at Ft. Oglethorpe, Ga.

The retired Y-12er has a son, T. K. Bishop, Jr., who also is a Y-12 employee in Plant Engineering. The younger Bishop lives near his father at Powell.



Only one Y-12 employee was listed as a father of a baby born last week at the Oak Ridge Hospital. He was Horace M. Monday, Maintenance Shops, who became father of a girl on July 30.

## Former Carbide Physicist Designs Small Reactor

Dr. Clifford K. Beck, former Carbide physicist in Oak Ridge, has designed a nuclear reactor that can be tucked under one arm and carried about, according to an Associated Press story in the Christian Science Monitor. Dr. Beck now is head of the physics department of North Carolina State College. The reactor, the story says, has a stainless steel core that contains four gallons of water mixed with the A-Bomb type Uranium 235. The Atomic Energy Commission will make free loan of the fuel, which is expected to last about 10 years.

## INDIA BARS EXPORTS

India Prime Minister Nehru has reported to Parliament that the government has banned export of any material useful for manufacture of atomic bombs, says the New York Times.



**Bill Cottrell**, of ANP, and his family are spending a two-week vacation in New York and Canada. . . . **Jnet Cisar** visited relatives in Cleveland, Ohio, while on vacation last week.

The General Maintenance Offices extend get-well wishes to **Reva Dagley**, who is ill in the Oak Ridge Hospital. . . . **Virginia Boswell** spent a pleasant vacation around home in Oak Ridge, last week. . . . The department welcomes **Jesse Guinn** back to work after a lengthy illness.

The folks in Buildings and Grounds extend sympathy to **R. A. Bowling, Jr.**, whose father-in-law died July 26 in the Baptist Hospital in Knoxville. . . . Sympathy is also extended to **M. L. Elliott** over the death of his sister-in-law last Monday. . . . **Arthur Ogden** has returned from a two-week vacation-fishing trip on the Banana River in Florida—from all reports we hear the authorities are going to have to restock that river and the Gulf of Mexico off St. Petersburg with fish.

**W. L. Allen's** co-workers in Research Services extend sympathy to him on the recent death of his father. . . . Also sympathy is extended to **P. R. Shultz**, whose father-in-law died last week. . . . **E. B. Galloway** is in Topeka, Kan., with his son who is ill—a speedy recovery wish goes to him. . . . **Ed Greeley** is spending a two-week vacation in Schenectady, N. Y., with his mother who is ill—get-well wishes also go to her.

The Safety Department welcomes **G. L. Harris** to the roster. **Helen Varnadore** and **Libby Daugherty** are the newest members of the Medical Department; and a hearty welcome to them.

**Chief W. O. Elam**, of the Fire Department, and his folks divided their vacation time between Paducah, Ky., probably visiting old cronies at the Carbide plant there, and in Alabama with relatives.

**Margaret Anderson**, of Manufacturing Offices, is visiting a cousin—also the beach—in Miami, Fla., this week. . . . **George Graham** and his family are visiting the home folks in Pennsylvania, while on two weeks of vacation.

**Mabel Tyer**, of the Superintendents Department, and a party of friends spent the week end in Gatlinburg. . . . **H. C. McBirney** vacationed at Virginia Beach last week.

**Tommy and Frankie Ann Goss**, of the Cafeteria, plan to run down to Atlanta, Ga., for a few days while on a two-week vacation. . . . Congratulations to **Vena Mae Summitt** and her husband, who are brand new grandparents of an eight-pound baby boy born to their daughter, **Mrs. Barbara Tinnel**, a former Y-12er, on July 29—grandpa's birthday. The Tinnels live in Albuquerque, N. M., and Grandma Summitt flew out last week end to greet little Eddie Paul and to be with her daughter for two weeks. . . . **W. A. Monroe** plans to do a heap of fishing around Maryville on his two weeks of vacation.

**Robert E. Helton**, son of **Robert Helton**, of ANP, a student at Vanderbilt University, is at the Navy's Advanced Training Command at Corpus Christi, Tex.

**Mattie Anderson**, of the Assay Laboratory, is on a two-week vacation—she is touring the state of Florida with her brother and sister-in-law from Kingsport. . . . **Ozell Pass**, **Eula Hayes**, and **Agnes Johnson** have returned from a week's vacation spent at Virginia Beach. . . . **Walter Pugh** was on vacation last week at home in Maryville. . . . **Belle Thompson** and her husband are spending a two-week vacation with their folks in Union Springs, Ala.

The many friends of **Fern Cunningham**, a former Y-12er in Plant Engineering, extend hearty congratulations to her at the birth of

a baby boy born July 29, in a Knoxville hospital.

The Health Physics Department wishes a speedy recovery for **Nell Gillum**, who is in the Oak Ridge Hospital after a tonsillectomy. . . . **Bill Baumann** is taking a vacation from golf this week—he is visiting friends in Cincinnati, Ohio.

**Al Church**, of Uranium Control and Computing, is vacationing in New York City, this week. . . . **Pearl Geldmeier** is spending her week of vacation at her home in Nacogdoches, Tex. . . . **Kate Penland** spent last week's vacation with her mother, who is ill, in Franklin, N. C. . . . Her sister, **Bessie**, of Stores, is vacationing there this week—a speedy recovery is wished for their mother.

**F. P. Smith**, of the Steam Plant, spent last week's vacation at home in Heiskell.

The Property Sales Department welcomes **Billie Marie Smith** to the roster. . . . Get-well wishes go to **George Sloan's** daughter after undergoing an appendectomy last week in a Knoxville hospital. . . . **Hazel Tompkins** bade a fond farewell to her co-workers last Friday—she is on her way to California—and wishes to take this opportunity to tell all the folks she knows here goodbye; and how must she has enjoyed knowing and working with them.

**E. R. Watkins**, of Maintenance Shops, motored up to Michigan to spend a two-week vacation visiting different points in that state.

. . . **Rudy Mannheim** has returned from a two-week vacation at his home in New York, instead of Detroit, Mich., as we had it last week. . . . The best of everything is wished for **Fred Threewitt**, who left last Friday, for Paducah, Ky., to take a job there. . . . Fellows on last week's vacation list include **W. J. Barker**, **W. A. Rutherford**, **W. H. Sherrod**, **R. P. Wallace, Jr.**, **H. M. Pearce**, **F. T. Owen**, **H. M. Monday** and **W. D. Cunningham**—they didn't say where they were going, maybe they will give us an interesting story yet.

**Capt. D. C. Shults**, of the Guard Department, has returned from a recent vacation spent in and around St. Louis, Mo.

**Clifford Anderson**, of Property, vacationed around home in Maryville, last week. . . . **J. D. Bowers** is vacationing up Virginia way this week. . . . A speedy recovery wish goes to **Frances Smith**—one of our illustrious reporters—after a tonsillectomy at the Oak Ridge Hospital last week.

**Mildred Langley**, of Electrical Maintenance, vacationed down Nashville way and at her home in Oakdale, recently. . . . **W. P. Smith** spent his week of vacation around home in Oak Ridge. . . . **J. W. Gibson** spent his two-weeks off at his home in Cleveland, Tenn., fixing the place up a bit. . . . Last week's vacationers were **J. C. McKinney**, **B. M. Cox** and **C. H. Felker**. . . . And back from two weeks of vacation are **S. B. Ward**, **William Hinkleman**, and **W. G. Biggers**.

**P. I. Fawver**, of the Tool Department, is staying pretty close to home in Byington while on a two-week vacation. . . . **A. O. Phillips** also chose his home in Oak Ridge for a fine vacation spot this week.

The Receiving and Shipping Department welcomes **Ernest L. Pemberton** to the roster. . . . Get-well wishes are extended to **Mack Bal- lew**, who has been on the sick list for some time. . . . **J. Paul Snodgrass** and his family are visiting his sister-in-law in Washington, D. C., while on two weeks of vacation.

**J. W. Garland**, of Stores, and his wife vacationed in Virginia, last week. . . . **J. B. Geasland** spent his week of vacation at home in Harriman.

**John Drury**, of the Material

## Second Series Of Promotion Stories Out

Published below is the second of a series of sketches on Y-12ers who have received promotions during the past year as a reward for conscientious and good work records.

**George W. Carter**—He has been a Y-12 employee since January 20, 1944, in the Maintenance Shops Department. He was promoted from machinist to assistant maintenance foreman on July 1, 1951. He and his wife, Mrs. Gladys Carter, who were married on March 23, 1924, live at Powell and they have one son, Jimmy.



G. W. Carter



E. C. Greenlee

**E. C. Greenlee, Sr.**—A real veteran of Y-12 service, he came to work in the plant on October 18, 1943, and has been employed in Buildings and Grounds. He received his promotion from carpenter to assistant maintenance foreman on September 1, 1951. He was married on September, 1925, and lives with his wife, Fannie, in Fountain City. They have one son, E. C. Greenlee, Jr.

**Edwin M. Hunnicutt**—A Y-12er since October 21, 1943, he received his promotion from the rank of guard to lieutenant in the Guard Department on March 31, 1952. He and his wife, Mrs. Beatrice L. Hunnicutt, were married on July 3, 1937, and have one son, Don Edwin Hunnicutt. They live at 221 South Purdue Ave., Oak Ridge.



E. M. Hunnicutt



G. A. May

**George Albert May**—Another veteran of the Guard Department, he came to work here on July 12, 1943. On January 1, 1952, he was promoted from sergeant to lieutenant in the Guard Department. He travels from his home in Sweetwater, Tenn., daily. He was married on November 19, 1937, and he and his wife, Esther May, have two children, Betty Joyce, 11, and Johnnie Albert, 9.

Chemistry Division, spent his week's vacation in and around Oak Ridge.

The Isotope Research and Production Division welcomes **Katherine Reynolds** to the roster.

Air Force Cadet **Harvey L. Saylor**, student at the University of Tennessee, and son of **Harvey W. Saylor**, Administrative Department, and Mrs. Saylor of Oak Ridge, is among the many AF ROTC Cadets from 32 American colleges who have been in four weeks of field training at the bomber base of the Strategic Air Command at McDill Air Force Base, Tampa, Fla. He will go on active duty as a second lieutenant in the Air Force Reserve after graduation next June.

"You's a liah."

"Say dat again, and I'll bust yore jaw."

"Consider it said again."

"Consider yore jaw busted."



The following Y-12 employees were patients at the Oak Ridge Hospital last week: **Francis O. Gaddis**, Research Services; **Dovie M. Searcy**, Administrative Product; **Lonnie Ellison** and **Ernest M. McCullough**, Field Maintenance; **Kenneth H. Wright**, Steam Plant; **Joseph D. Davis** and **William L. Blackford**, Administrative Product; **Mary E. Lee**, ANP; **Samuel G. Dornan**, Guard; **Reva B. Dagley**, Janitors; **William H. Rice**, Plant Engineering; **Nella K. Murphy** and **Marlin S. Dill**, Analytical Laboratory; **Frances M. Smith**, Property; and **Nelda L. Gillum**, Health Physics.

## Many Y-12 Area Folks In Playhouse Drama

Carbide employees in the Y-12 area monopolize the cast in "The Drunkard," Oak Ridge Community Playhouse melodramatic offering of the year, and also in the list of officers of the organization for the coming season.

### Play Is Now Showing

"The Drunkard" opened last night, Tuesday, August 5, at the Oak Terrace ballroom for a ten-night run, excepting Sunday and Monday nights. Y-12ers and members of their families aiding in the production and in the cast include **Virginia Means**, of Health Physics; and **Mrs. Marshall Lockhart**, wife of **George Lockhart**, of the General Maintenance Office. Both are handling props and costumes and the latter plays a part in the show. **Robert McWhorter** plays the role of the "kindly philosopher" and **Jim Muir** has three parts in the offering as a landlord, policeman and bank messenger. **Rosemary Lockhart**, daughter of **George Lockhart**, is "the drunkard's daughter" and another role is taken by **Fred Mannerschmidt**. **Jack Estabrook** is the pianist in the production.

**Evan Means**, of Electrical Maintenance and husband of **Virginia Means**, is production manager for the show and **Joe Lesser** and **Bernie Lubarsky**, of the ANP Division, are helping in backstage work.

### Y-12 Area Man President

Several employees in the Y-12 area are officers in the group for the next season. They include **Dixon Callahan**, president; and **Charles Blake**, vice president. Members of the board of directors include **Dr. Alexander Hollaender** and **Evan Means**.

The Community Playhouse will usher in its 1952-1953 season October 16, 17 and 18 with Noel Coward's comedy "Hay Fever." The second play will be "Portrait in Black," a mystery by **Goff** and **Roberts**, which will be presented December 4, 5 and 6. Dates have not been set for another production, "Happy Time." Two more plays also will be presented during the season.

## Magnetic Toy Train Gadget Mystifying, Entertaining

The National Patent Council has announced the invention and patenting of a new toy train gadget that mystifies and entertains. The toy involves magnets arranged to repel instead of attract and was devised by **Jack R. Quimby**, of New York City. As a toy locomotive equipped with a repelling magnet approaches a handcar the latter becomes activated by opposed magnetic poles on the locomotive and handcar. It moves ahead of the engine without contact. The comic characters on the handcar frantically operate the pump handles, apparently in an effort to avoid a collision.



# ROBINS AND BLUEBELLES OPEN SERIES FRIDAY

## Plant Golf Tourney Opens; Meece Wins Medal With 73

## Men's Tourney Begins; Walker Wins Loop Crown

### Y-12 SPORTS NEWS



Y-12 Photo By Vince Moore

**FINISHING IN FOURTH PLACE IN THE CARBIDE LEAGUE,** in the first half of the season, the Bldg. 9212 team put up a good scrap in every game. In the picture above, front row from left are J. W. Nicely, Frank Thurman, John Biery, A. B. Campbell, Colleen Shotts and A. C. Wright. In the rear are Howard Horne, John Byrd, R. G. Marlar, Charles Anderson and Bill Wright. Sons of Campbell, A. C. Wright, Marler and Bill Wright were bat boys and mascots for the team.

## Rusty Nine Tops Carbon Loop; Carbide Loop Lead Deadlocked

The Rusty Nine jumped out into undisputed possession of first place in the Carbon League last week in plant loops play and Bldg. 9212 and the Uranium Control Junior Varsity were in a deadlock for the Carbide League top spot at the end of play Friday. Rain washed out scheduled clashes between Bldg. 9212 and the 49ers, first half of the season winners, and the UCJV and Peons Friday night that might have broken the deadlock.

In the only game Friday the Bums blasted the Duds by 15 to 2 in the Carbide loop as Jim Adams had a big night at bat with four for four, including two singles, a double and a home run.

Bldg. 9212 took a hard-fought overtime game from the Peons by 6 to 5 in nine innings as Biery and Wollan staged a real hurling duel. Hamil's triple shoved the winning run across. He also had a double and Johnson batted a single and triple for the victors. The 49ers coasted to a win over the Duds by 13 to 5 as Carter hurled a two-hitter. Henck, 49er left fielder, had four for four, including two singles, a double and homer. The UCJVs pounded out an 8 to 4 triumph over the Bums. **Sparks Win First Game**

Play in the Carbon League last week was marked by some wild and woolly games and the fact that the Sparks won their first game of the season. These Sparks had their batting eyes with them in two games, but finally broke even for the week. In their first victory they bombarded the Grocers by 23 to 18 before losing to the All Thumbs by 20 to 16. Gene Pharr, former Oak Ridge High School lad, had a field day at bat in the victory for the Sparks with a triple and three homers. The Grocers turned in 10 errors in this one. In losing, the Sparks contributed seven bobbles and their bats were not quite as potent.

The Short Circuits continued to play hard ball but dropped an eight-inning tilt to the Guards by 10 to 9 as Hammer homered in the last half of the extra inning. The Hobslurps also hung one on the Short Circuits by 9 to 4, although the winners only got two hits off Palo O'Neal. O'Neal passed 10, however, and his mates bobbled four times.

### Rusty Nine, Engineers Win Pair

The Rusty Nine ran their winning streak to four during the week with a pair of easy wins, defeating the Guards by 12 to 7 and

## AEC Blooper Pitch Team Wallops Y-12 Outfit By 12 To 8

The Y-12 slow pitch team took a trimming last week from the AEC blooper boys by the score of 12 to 8, getting a lot of mileage out of their three scattered hits at that. John Agee got two of the safeties. The commission lads pasted Andy Anderson's mound offerings frequently and furiously for 15 hits, getting away to a running start and never being headed.

The Y-12ers are scheduled to play the Management Services team on Tuesday of this week instead of Wednesday, because of the Oak Ridge Class A softball playoffs scheduled for Middletown Park.

## .38 Calibre Pistol Shoot Set August 16

The second .38 calibre pistol match for individuals will be staged on Saturday, August 16, at the Oak Ridge Sportsmen's Association range and all Y-12 firearm enthusiasts are urged to enter the event. Firing will begin at 12:30 p.m. and other relays will take to the range at 2 p.m. and 3:30 p.m.

J. K. Bair, of Y-12, won the first match held several days ago and other Y-12 marksmen were well up in the scoring in the event.

the Hobslurps by 12 to 2. Meanwhile, the arch rivals of the Rusty Nine, the Engineers, also bagged a pair by crushing the Grocers by 22 to 5 and the All Thumbs by 14 to 5. Both of the triumphant teams are from the Engineering Division and have a host of rabid rooters for both sides.

Complete line scores, standings of the two leagues and schedule for the coming week are on Page Four.

## Finals Scheduled Sunday; 59 Y-12ers Entered In Event

With 59 golfers entered, the annual Y-12 area tournament got away to a flying start last Saturday with first round matches being played over the Oak Ridge Golf and Country Club. Second round matches were slated for Sunday but could be set for some other day this week by mutual agreement of the contestants. Finals must be played by next Sunday, August 10.

V. C. Meece, known generally as "Jake" or "Mickey," long time one of the leading golfers in the plant area, shot a satisfying 73 to win medal honors in the event, for which he will receive a handsome trophy. He is in the Electromagnetic Research Division. **Cater Is Defending Champ**

Les Cater is the defending champion and as such was not required to qualify for division and flight classification.

The 59 contestants were divided into three full divisions of 16 each and a fourth with 11 others. In the First Division first round winners will form the championship flight and the losers the first flight. Other flights will be determined in a similar manner.

### First Division Pairings Given

Pairings for the First Division first round matches and qualifying scores, either league average or qualifying rounds, follow:

Cater vs Harrell 81 LA.  
Boyd 86 Q vs Hines 78 LA.  
Caldwell 80 LA vs Hamby 88 LA.  
Bowles 84 LA vs Dorr 74 LA.  
Burchfield 78 LA vs Ludwig 84 LA.  
Spears 88 LA vs Tiller 79 Q.  
O'Neal 80 Q vs Richardson 90 LA.

Reynolds 81 LA vs Meece 73 Q.  
Results of first round matches reported to the Recreation Office on Monday morning with names of winners, losers and margin of victory follow:

### FIRST DIVISION—FIRST ROUND

Cater—Harrell, 1 up.  
Hines—Boyd, 2 and 1.  
Caldwell—Hamby, 1 up.  
Dorr—Bowles, 1 up.  
Burchfield—Ludwig, 3 and 2.  
Tiller—Spears, default.  
O'Neal—Richardson, 3 and 2.  
Reynolds—Meece, default.

### CHAMPIONSHIP FLIGHT

Cater—Hines, 1 up.  
Dorr—Caldwell, 3 and 2.  
Burchfield—Tiller, 2 and 1.  
O'Neal—Reynolds, 3 and 2.

### SECOND DIVISION, FIRST ROUND

Mitchel—G. Peterson, 1 up.  
Miller—McClung, 4 to 2.  
Crouse—Snyder, default.  
Harris—Dunlap, 6 and 4.  
Foster—Keese, 5 and 3.  
Olson—Orison, 3 and 2.  
Lowry—Nessle, 1 up, 19 holes.  
G. Kennedy—Saylor, 3 and 2.

### SECOND ROUND, SECOND FLIGHT

Mitchel—Miller, 4 and 3.  
Harris—Crouse, 2 and 1.  
Olson—Foster, 3 and 2.

### THIRD FLIGHT, FIRST ROUND

Dunlap—Snyder, default.  
Keese—Orison, 5 and 4.  
Nessle—Saylor, 4 and 2.

### THIRD DIVISION, FIRST ROUND

Ratjen—Garrett, 1 up, 20 holes.  
Hill—Koons, 4 and 3.  
Duncan—Mattingly, default.  
C. Peterson—Mattheys, 1 up.  
Matlock—Underwood, 5 and 4.  
Oliphant—Holzknecht, default.  
Grimes—Tibbatts, default.  
Brown—Johnson, default.

### FOURTH FLIGHT, SECOND ROUND

Duncan—C. Peterson, 5 and 4.  
Hill—Ratjen, 1 up.  
Matlock—Oliphant, 7 and 6.  
Brown—Grimes, 1 up, 20 holes.

### FIFTH FLIGHT, FIRST ROUND

Koons—Garrett, 1 up, 19 holes.  
Underwood—Holzknecht, default.  
Johnson—Tibbatts, default.

### FOURTH DIVISION, FIRST ROUND

Morgan—Holliday, 2 up.  
J. Kennedy—Lister, 3 and 2.  
Hubbard—Townsend, 1 up.

### SIXTH FLIGHT, FIRST ROUND

J. Kennedy—Stanton, 3 and 2.  
Atkins—Overholser, 1 up.  
Hooker—Hubbard, 1 up.



**"OOH, LOOKEE WHAT OUR Daddy caught,"** grin Mary Lynn and Fred B. Thomas, Jr., as the latter holds a five-pound, two-ounce largemouth bass his pop, Fred B. Thomas, Sr., of Isotope Research and Production, pulled out of Watts Bar Lake recently.

## Plant Netters Seek Revenge On ORNL; Trim AEC Outfit

After defeating the Atomic Energy Commission tennis team last week by 4 to 1, the Y-12 netters will meet the Oak Ridge National Laboratory racquetballers in the crucial match of the second half of the season at 5:30 o'clock this afternoon at the Townsite Courts. The ORNL lobbies handed the Y-12ers their only loss of the season last month and as a result are in the lead in the second half of the schedule so the Y-12 crew will be out for revenge and a tie for first place in the standings. Y-12 won the first half of the season without the loss of a match.

Y-12 took three singles and one doubles tilt last week. Nate Smith beat Dave Zachary 6-2, 6-1; Don Smith licked Dan Brothers 6-4, 6-1; and Jack Ransohoff trimmed Howard Behrman by the same score. Marathon sets were the rule in doubles as Y-12ers Frank Ballenger and Leland Mann defeated Millard Cromer and Randall Clay 6-3, 8-10, 6-3. The only AEC victory came when Nate Woodruff and Charles Hill defeated Fred Hurst and George Wells 6-3, 14-12.

## Monday Is Deadline For Plant Leagues Entries In Tourney

All Y-12 plant leagues teams desiring to enter the Oak Ridge Class B softball tournament are reminded that next Monday, August 11, is the deadline for entering the event. Entry blanks were distributed last week to all team managers with instructions to return them to the Recreation Office before the deadline.

A number of Y-12 teams are expected to enter the event, which will start on Monday, August 18, at Middletown Park. All teams entering the tournament must use the same players that have represented them in league play.

Around 50 teams probably will enter the tournament as groups from all plant leagues in the three Carbide plants, the Church League and the Recreation League are eligible to participate.

Although losing out in Knox-Ridge playoff contests against the Cas Walker lassies of Knoxville, the Y-12 Robins are slated to meet the K-25 Bluebellies in the first game of the Oak Ridge playoff series at 7:30 Friday night at Middletown Park. The series will be for the best two out of three games for the honor of representing the Atomic City in the state championship tournament in Chattanooga August 15, 16 and 17.

The second game of the women's series in Oak Ridge is scheduled for the same hour Sunday night and the third, if necessary, at the same time and place Monday night. **One Game Slated Tonight**

Meanwhile, the men's tournament play between the Y-12 Red Birds, the K-25 Blues and the Oak Ridge National Laboratory Nats was scheduled to get under way on Monday night of this week with the Nats and Red Birds crossing bats. The winner of this game is scheduled to play the Blues at 8:45 o'clock tonight.

The losers of the opening game are bracketed to meet at 9 o'clock Friday night as the second half of a double header with the women opening the card. The survivors of the top and bottom brackets meet Sunday night and if the lower bracket team is victorious the deciding game will be played Monday night.

All games will be played at Middletown and admission for the first two will be 14 cents for children and 25 cents for adults. In other games admission will be 25 and 50 cents. In case of rain the schedule will be moved back accordingly.

### Robins Put Up Game Fight

The Y-12 Robins put up a game battle against the Walker women but didn't have enough power to triumph. The Y-12ers forced the league race in a playoff for the second half of the season title, just as they did in the first round, then took the first of the playoff series but lost the next two.

In the game that put them in the playoff the Robins took a thrilling 7 to 6 win with three runs in the last inning. In the first playoff game the Robins again triumphed with a 10 to 9 win. However, the Knoxville girls banged out 7 to 3 and 11 to 3 wins in the next two games to take the season's crown. In the two losses the Robins held on grimly for a few rounds but faded in the latter innings.

Line scores of the Robins' games last week follow:

Team	R	H	E
Cas Walker	400 010 1—	6	7 5
Robins	000 031 3—	7	9 2
Rhea and Akers. Koontz and Roberts.			

Cas Walker	001 016 1—	9	6 7
Robins	000 730 x—	10	9 4
Lee, Rhea (5) and Akers. Koontz, Hobson (6) and Roberts.			

Cas Walker	000 410 2—	7	7 2
Robins	000 002 1—	3	7 5
Lee and Akers. Koontz and Roberts.			

Cas Walker	000 017 3—	11	7 2
Robins	000 003 0—	3	6 7
Rhea and Akers. Koontz and Roberts.			

## Rough Riders Hold Golf League Lead

The Rough Riders maintained their top position in the Y-12 Plant Golf League last week by trimming the Grand Slammers for two points. Other results, each by the same margin, saw the Rippers ripping the Shankers, Four Woods playing the Hooks, Fat Men smashing the Four 100s and Bldg. 9212 beating the Eagles.

Show people that you are a live wire and they won't step on you.

**More Sports News  
On Page Four**



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Permit No. 3**Plant League Results  
Standings, Schedules**

Team	R	H	E
Rusty Nine	610 001 4—12 11 2		
Hobbslurps	200 000 0—2 8 5		
Burnett and True, Kasten and Walker.			
Bums	010 003 0—4 7 4		
UCJV	002 024 x—8 9 4		
Walton and Dodson, Hopper and Hopkins.			
Short Circuits	171 000 00—9 7 5		
Guards	150 201 01—10 10 4		
O'Neal and Braatz, Wilson and Hunicut.			
Guards	003 22—7 6 2		
Rusty Nine	320 07—12 8 2		
Wilson and Moore, McAllister and True.			
Hobbslurps	000 063 0—9 2 1		
Short Circuits	302 000 001—6 6 1		
Kasten and Walker, O'Neal and Braatz.			
Sparks	11 3 7 2 0—23 17 2		
Grocers	3 0 7 5 3—18 12 10		
Pharr and Everett, Doss and Salmon.			
Peons	111 200 000—5 6 2		
Bldg. 9212	302 000 001—6 6 1		
Wollan and Gillimore, Biery and Wright.			
49ers	030 421 3—13 14 3		
Duds	010 001 3—5 2 4		
Carter and Ellis, Gordon and Carlton.			
Engineers	150 011 6—14 12 4		
All Thumbs	101 011 1—5 5 6		
Koons and Morris, Schaap and Haggard.			
All Thumbs	014 340 26—20 17 4		
Sparks	630 301 12—16 12 7		
Schmitt and Haggard, Baker and Everett.			
Grocers	2 1 2 0—5 5 4		
Engineers	13 0 8 x—22 6 2		
Wiley and Salmon, Koons and Morris.			
Duds	000 020—2 7 2		
Bums	625 002—15 10 3		
Low and Carlton, Killian and Dodson.			

**STANDINGS THROUGH AUGUST 1  
CARBON LEAGUE**

Team	W	L
Rusty Nine	4	0
Hobbslurps	3	1
Engineers	3	1
All Thumbs	3	2
Guards	2	2
Grocers	1	3
Sparks	1	3
Short Circuits	0	4

**CARBIDE LEAGUE**

Team	W	L
Bldg. 9212	2	0
UCJV	2	0
49ers	2	1
Bums	2	2
Duds	1	3
Peons	0	3

**SCHEDULE THROUGH AUGUST 13**

**Wednesday, August 6**—5:45, Guards vs All Thumbs. 7:15, Short Circuits vs Rusty Nine. 8:45, Engineers vs Sparks.

**Thursday, August 7**—5:45, Peons vs Bums. 7:15, 49ers vs UCJV. 8:45, Bldg. 9212 vs Duds.

**Friday, August 8**—5:45, All Thumbs vs vs Grocers. 7:15, Hobbslurps vs Guards.

**Monday, August 11**—5:45, 49ers vs Bums. 7:15, Duds vs Peons. 8:45, Bldg. 9212 vs USJV.

**Tuesday, August 12**—5:45, Rusty Nine vs Sparks. 7:15, Engineers vs Short Circuits.

**Wednesday, August 13**—5:45, Peons vs UCJV. 7:15, 49ers vs Bldg. 9212. 8:45, Bums vs Duds.

**Pistoleers Of Y-12  
Beat Independents**

The Y-12 pistol team gained a tie for the first half of the season championship in the Oak Ridge Pistol League last week when they topped the Independents by 1441.680 to 1431.497. The plant pistoleers will open the second half of the season at 5:45 o'clock tomorrow night, Thursday, August 7, against the gunmen of the Atomic Energy Commission.

In the match against the Independents the Y-12 scores, scratch and handicap, were V. O. Haynes 208—290.294, M. E. LaVerne 273—289.300, W. M. Stephan 215—288.670, H. C. Hoy 249—288.663, and W. B. Lewis 206—284.753.

**Y-12 Bowlers Called  
To Organizational  
Meeting August 14**

**Timber!!**  
Although the summer sports season still is swinging right along, Y-12 bowlers have been reminded by Recreation Supervisor Arnold Tiller that it won't be long now until the rumble of the ball and the crash of falling pins will replace cheering from the grandstands as the major plant athletic activity.

In fact, an organizational meeting for Y-12 plant leagues will be held at 3 p. m. on Thursday, August 14, at the Recreation Office, North Portal. Captains or representatives of all teams that participated in league play last season or who intend to form new groups this season are urged to be present.

Tentative plans for the coming season call for the organization of four men's leagues, the same as last season.

The same notice applies to women bowlers of the plant and the reorganization of the eight-team league that operated last season is expected. At least eight teams will be required before a league can be formed for the keglerettes.

**Woodpeckers Beat  
Presbyterians 8-7  
In Overtime Scrap**

Fumbleitis almost cost the Y-12 Class B softball team another game in the Oak Ridge Recreation League last Thursday night, but the Woodpeckers finally fought their way to an 8 to 7 victory over the First Presbyterians in an overtime nine-inning game at Middletown.

After the Woodpeckers took a lead in the first inning an error allowed the Presbyterians to go ahead in the third. The Y-12ers again forged ahead in the fifth but another bobble gave the churchmen the lead in the seventh when they tallied twice. The victors came back to tie it up again and then went on to win.

The Y-12ers are slated to meet the First Baptist outfit at 6 o'clock tomorrow night, Thursday, August 7.

Score by innings follow:

Team	R	H	E
First Presbyterian	203 000 200—7 6 2		
Woodpeckers	400 020 101—8 7 2		
Hemphill and Alspaugh, Sise and Barker.			

**Rides Wanted  
And Offered**

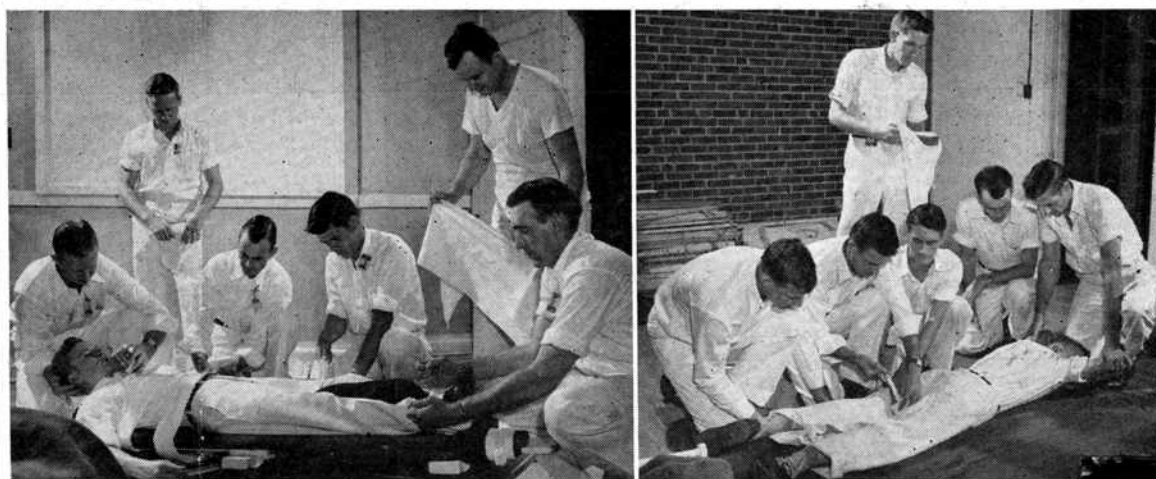
**Want to Participate In Car Pool From Clinton**—Straight day. W. H. Cope, plant telephone 7549.

**Ride Wanted**—From South Knoxville, straight day. Helen Varnadore, plant telephone 7590, home telephone 5-9109.

**Vacancy for one rider or car pool participant.** From Maryville, straight day. J. R. Hill, plant telephone 7407, home phone 4230-R, Maryville.

**Five Riders Wanted**—From Clinton, straight day. E. L. Hill, plant telephone 7185.

Middle age is when a night out is followed by a day in.



**PRACTICING FOR THE ANNUAL CARBIDE FIRST AID CONTEST ARE THESE TWO Y-12 teams.** At left is the Manufacturing Offices Division group, the members from left being B. N. Strunk, T. E. Hillard, W. Bass, W. C. Hoppe, Jr., T. A. Williams and C. A. Anderson. The patient is Bill Stone. The Plant Research and Engineering Division team is at the right. Members from left are Joe Miller, George Guerrant, R. K. Gossiem, Dan McAllister, and Hobey Thomas. Standing is H. A. Phillips and the patient is B. D. North.

**Heat Exhaustion Is  
Hazard In Summer**

**Continued from Page 1**  
tric fans to keep air stirring. **Symptoms Are Described**

Symptoms of heat exhaustion may begin with a general feeling of weakness and dizziness with the skin becoming cold and clammy. Nausea may follow and the pulse becomes weak and rapid and the face pales. The victim may feel chilly and have a low body temperature and there usually is profuse sweating, especially around the face.

If even one of these symptoms is felt by a Y-12 employee on the job, he is urged to immediately stop his work and take steps to counteract the feeling. If actually overcome, he should be sent to the Medical Department for treatment at once. For emergency treatment the victim should be placed lying down with the head low and kept warm by blankets or other covering. Clothing should be loosened and arms and legs should be rubbed gently toward the heart. Drinks of cool water also should be given.

**Salt Tablets Are Helpful**

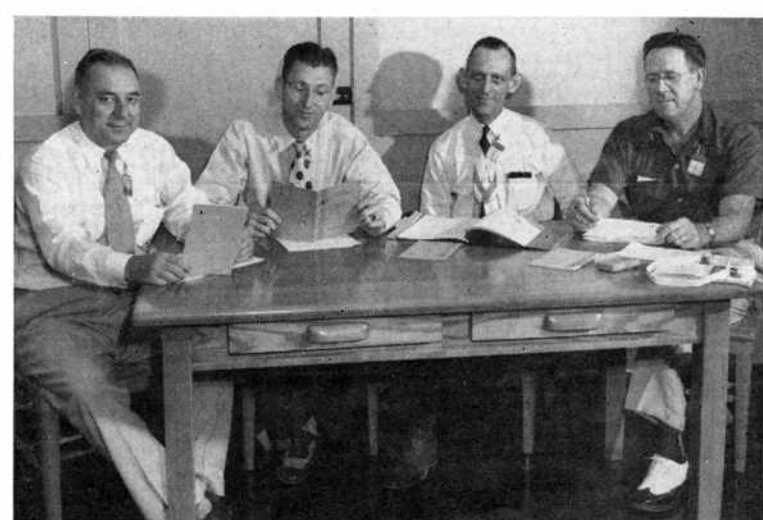
However, heat exhaustion or just weariness from the blazing weather can be met ahead of time by the aforesaid precautions as to ventilation and also by taking the salt tablets that are provided throughout the plant. The salt tablets counteract the loss of normal salt in the body that results from perspiration during continued hot spells. Careful dieting and precautions to keep the general health good also are factors that will aid in combating effects of heat.

Many persons do not realize the amount of salt lost through perspiration and the need of replacing it in the body to avoid becoming sick. Tablet doses vary from one to two or three to four daily for persons doing office work or other similar work and from six to eight per day for employees engaged in physical labor and where perspiration is heavy. Each tablet should be taken with copious quantities of water.

**Salt Is Harmless**

With the exception of some persons who have been warned by physicians not to take salt for medical reasons, the taking of salt through tablet form or even straight or dissolved in water is absolutely harmless. Any excess salt is simply lost from the body.

Sunstroke can be even more dangerous than heat exhaustion. Fortunately there have been no such cases reported in Oak Ridge this summer despite Old Sol's blazing attacks. Victims of these attacks find the skin hot and dry, the face red and eye pupils enlarged. They become dizzy and have an intense headache, the pulse is bounding and temperature high and severe cases can result in unconsciousness. Such victims



**PICTURED ABOVE IS THE CARBIDE FOUR-PLANT COMMITTEE** in charge of the annual First Aid Contest. From left are J. E. Campbell, K-25; B. G. Catron, Oak Ridge National Laboratory; C. W. McCullom, Y-12; and R. N. James, Paducah. All are supervisors of training departments in their respective plants.

**Birchfield Boys  
Take Junior Honors**

Like father, like sons, apparently is the case in the Birchfield family.

In the recent junior golf tournament for Oak Ridge youngsters, sponsored by the Junior Chamber of Commerce, Frank Birchfield was runner-up and Carl Birchfield was third. They are sons of Jake Birchfield, of the Y-12 Standby Plant Maintenance Department and one of the plant's leading golfers in his own right. The elder Birchfield formerly was professional at the Oak Ridge Golf and Country Club.

Frank Birchfield also was runner-up in the 1951 junior golf tournament in Oak Ridge when the winner was Palo O'Neal, now an Y-12 employee himself.

**STRATEGIC ORES FOUND**

The New York Times reports that the Interior Department has announced certification of five additional discoveries or development of strategic materials needed in national defense. The discoveries include monazite containing uranium and thorium in Idaho.

should be moved to a cool, shady spot and placed on the back with head raised. They should be undressed to underclothing and cold, wet cloths applied to the head. The body should be gradually cooled by bathing, limbs rubbed toward the heart and cooling drinks, but no stimulants, given. Of course, if any Y-12ers are stricken with sunstroke in the plant area they should be taken to Medical as soon as possible or if away from the area, taken to a doctor or hospital as quickly as possible.

Don't let yourself be wrecked—in a car that wasn't checked.

**Attendance Record**

MAJOR LEAGUE More Than 50 Employees Scheduled			
Dept.	Percentage Absent	7-27-52	7-20-52
2739	0.5	1	7
2060	0.8	2	1
2018	1.4	3	10
2142	1.78	4	4
2077	1.84	5	11
2790	1.84	5	12
2008	1.9	6	13
2003	2.3	7	5
2618	2.63	8	9
2619	2.64	9	2
2773	2.8	10	6
2014	3.2	11	3
2091	3.5	12	15
2015	3.77	13	14
2617	3.79	14	8
2001	6.5	15	16

Group absentee percentage was 2.7 per cent, .3 per cent higher than the preceding week.

MINOR LEAGUE 15-49 Employees Scheduled			
Dept.	Percentage Absent	7-27-52	7-20-52
2200	0.0	1	1
2109	0.0	1	3
2144	0.0	1	10
2108	0.4	2	10
2005	1.3	4	10
2002	2.4	4	10
2133	2.55	5	2
2093	2.56	6	1
2107	2.7	7	7
2046	3.7	8	9
2090	4.8	9	11
2743	5.4	10	5
2616	6.5	11	8
2145	6.5	12	4
2143	8.1	13	13
2096	9.6	14	12

Group absentee percentage was 3.7 per cent, remaining the same as the preceding week.

The plant average for the week ending July 27 was 2.8 per cent, .3 per cent higher than the preceding week.

The football soared through the air and landed in the middle of the barnyard, right at the old rooster's feet. A look of wonder came into his eyes as he gravely surveyed it from all sides. Then, pushing mightily against it he managed to get it into the hen-house where he faced his little harem. "Now ladies, I'm not complaining," he said gently, "But I just want you to see the work that is being done in other wards."